



STATE OF MICHIGAN  
DEPARTMENT OF EDUCATION  
LANSING



JENNIFER M. GRANHOLM  
GOVERNOR

THOMAS D. WATKINS, JR.  
SUPERINTENDENT OF  
PUBLIC INSTRUCTION

June 28, 2004

**MEMORANDUM**

**TO:** State Board of Education

**FROM:** Thomas D. Watkins, Jr.  
*Tom Watkins*

**SUBJECT:** Receive the Report on Michigan Test for Teacher Certification (MTTC)  
Performance for 2002-2003

In pursuit of its goal to improve teacher quality, the State Board of Education receives proposals for the adoption and revision of program standards for teacher preparation. When applicable, the proposed standards are developed to reflect and support Michigan's K-12 Curriculum Framework and Benchmarks, as well as standards adopted by national professional/specialty area organizations. Standards are used by Michigan Department of Education staff to structure peer review of content program proposals from teacher preparation institutions. Standards are also used as the basis for changes in the Michigan Test for Teacher Certification.

One measure of the impact of teacher preparation programs in content areas is the performance of candidates on the MTTC. Starting in October 2002, institutions were given the opportunity to review the roster of test candidates who have registered for each test in order to identify those candidates who have completed at least 90% of the content coursework. This process of "barcoding" test takers allows an institution to control the scores that are attributed to the institution, but only for a brief period before the candidate takes the test. This is necessary because anyone can, in principle, register to take a test and identify any institution as the alma mater. The "barcoding" filter introduces a review process that allows the resulting test scores to be used as part of a broad accountability process.

Attachment 1 identifies, for each approved Michigan teacher preparation institution, the aggregate content test passing rates for the four test dates in the first full year of testing with the barcoding option in place. Table 1 shows the pass rate for each institution; Table 2 shows the state pass rate by discipline.

It is recommended that the State Board of Education receive the report on Michigan Test for Teacher Certification performance for 2002-2003, as discussed in the Superintendent's memorandum dated June 28, 2004.

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**Report to the  
Michigan State Board of Education  
for the Preparation of Teachers**

**Michigan Test for Teacher Certification  
2002-2003**

**Submitted by the  
Office of Professional Preparation Services**

**June 28, 2004**

Table 1

# Michigan Test for Teacher Certification Analysis, Barcoded Results

## October 2002 - July 2003

Institution	# of Test Takers	Initial Pass Rate	Cumulative Pass Rate	# of Initial Passers	# of Cumulative Passers
<b>Adrian College</b>					
Content Test Total	112	80%	81%	90	91
<b>Albion College</b>					
Content Test Total	51	90%	96%	46	49
<b>Alma College</b>					
Content Test Total	129	88%	92%	113	119
<b>Andrews University</b>					
Content Test Total	60	83%	85%	50	51
<b>Aquinas College</b>					
Content Test Total	499	87%	91%	432	454
<b>Calvin College</b>					
Content Test total	412	97%	99%	398	407
<b>Central Michigan University</b>					
Content Test Total	1604	87%	91%	1403	1458
<b>Concordia University</b>					
Content Test Total	68	81%	84%	55	57
<b>Cornerstone University</b>					
Content Test Total	146	90%	97%	132	141
<b>Eastern Michigan University</b>					
Content Test Total	1770	90%	92%	1585	1631
<b>Ferris State University</b>					
Content Test Total	282	84%	87%	237	245

Institution	# of Test Takers	Initial Pass Rate	Cumulative Pass Rate	# of Initial Passers	# of Cumulative Passers
<b>Grand Valley State University</b>					
Content Test Total	1722	89%	92%	1526	1586
<b>Hillsdale College</b>					
Content Test Total	48	88%	92%	42	44
<b>Hope College</b>					
Content Test Total	307	89%	94%	274	288
<b>Kalamazoo College</b>					
Content Test Total	30	97%	100%	29	30
<b>Lake Superior State University</b>					
Content Test Total	123	89%	94%	109	116
<b>Madonna University</b>					
Content Test Total	288	85%	89%	244	256
<b>Marygrove College</b>					
Content Test Total	65	80%	83%	52	54
<b>Michigan State University</b>					
Content Test Total	1366	90%	94%	1236	1284
<b>Michigan Tech. University</b>					
Content Test Total	62	89%	94%	55	58
<b>Northern Michigan University</b>					
Content Test Total	481	90%	93%	433	449
<b>Oakland University</b>					
Content Test Total	1469	83%	88%	1226	1292
<b>Olivet College</b>					
Content Test Total	175	74%	81%	130	141
<b>Saginaw Valley State University</b>					
Content Test Total	1262	87%	89%	1093	1128



<b>Institution</b>	<b># of Test Takers</b>	<b>Initial Pass Rate</b>	<b>Cumulative Pass Rate</b>	<b># of Initial Passers</b>	<b># of Cumulative Passers</b>
<b>Siena Heights University</b>					
Content Test Total	121	73%	79%	88	96
<b>Spring Arbor University</b>					
Content Test Total	311	81%	85%	252	263
<b>University of Detroit Mercy</b>					
Content Test Total	301	66%	74%	199	222
<b>University of Michigan-Ann Arbor</b>					
Content Test Total	666	95%	97%	632	644
<b>University of Michigan – Dearborn</b>					
Content Test Total	571	82%	87%	471	497
<b>University of Michigan – Flint</b>					
Content Test Total	718	85%	89%	610	637
<b>Wayne State University</b>					
Content Test Total	760	80%	88%	611	666
<b>Western Michigan University</b>					
Content Test Total	2182	87%	90%	1893	1968
<b>STATE TOTAL, CONTENT ONLY, BARCODED</b>	<b>18,161</b>	<b>85.5%</b>	<b>89.6%</b>	<b>15,746</b>	<b>16,422</b>

Table 2

# ANNUAL SUMMARY OF STATE RESULTS: INITIAL & CUMULATIVE

## Program Year: October 2002 - July 2003

N = Number of Eligible Test Takers

% Pass = Percent of Eligible Test Takers Who Passed the Test

### All Eligible Examinees

	N	Attempt Type	
		Initial	Cumulative
		% Pass	% Pass
<b>Test:</b>			
002 English	1,388	93.2	94.9
003 Journalism	11	100.0	100.0
004 Speech	243	93.4	96.3
005 Reading	78	85.9	88.5
007 Economics	56	83.9	92.9
008 Geography	121	76.9	79.3
009 History	889	68.8	77.2
010 Political Science	187	72.2	78.1
011 Psychology	315	81.9	88.6
012 Sociology	95	61.1	74.7
013 Anthropology	12	91.7	100.0
015 Behavioral Studies	1	100.0	100.0
016 Science	1,372	88.9	91.2
017 Biology	401	81.3	85.0
018 Chemistry	196	74.0	87.2
019 Physics	70	75.7	82.9
020 Geology/Earth Science	189	67.2	77.2
021 Astronomy	1	100.0	100.0
022 Mathematics	507	90.3	92.9
023 French	80	87.5	90.0
024 German	33	78.8	78.8
026 Latin	7	100.0	100.0
027 Russian	3	66.7	66.7
028 Spanish	289	80.6	85.1
032 Business Education	176	82.4	87.5
033 Accounting	4	100.0	100.0
034 Business Administration	48	75.0	79.2
035 Secretarial Science	2	100.0	100.0
036 Distributive Education	27	92.6	92.6
037 Agricultural Education	14	100.0	100.0
039 Music Education	248	88.3	93.1
040 Family and Consumer Sciences	33	90.9	97.0
041 Art Education	278	93.2	95.3
042 Health, Phys. Ed. & Recreation	143	90.9	94.4
043 Health	238	97.1	99.2
044 Physical Education	469	86.6	92.1
046 Dance	12	100.0	100.0
047 Driver and Safety Education	3	100.0	100.0
048 Library Media	57	86.0	89.5
049 Environmental Studies	32	87.5	90.6

	N	Attempt Type	
		Initial	Cumulative
		% Pass	% Pass
050 Computer Science	65	86.2	89.2
051 Guidance Counselor	317	91.2	93.1
053 Fine Arts	47	70.2	74.5
054 Humanities	1	100.0	100.0
056 Mentally Impaired	264	87.1	92.4
057 Speech & Language Impaired	26	100.0	100.0
058 Physical/Other Health Impaired	7	100.0	100.0
059 Emotionally Impaired	246	91.5	93.9
061 Visually Impaired	6	100.0	100.0
062 Hearing Impaired	21	90.5	95.2
063 Learning Impaired	277	87.0	90.3
064 Autistic	28	100.0	100.0
065 Bilingual French	1	-	-
066 Bilingual German	1	100.0	100.0
070 Bilingual Spanish	19	94.7	94.7
074 Bilingual Arabic	2	100.0	100.0
075 Bilingual Other	1	100.0	100.0
080 Bilingual Chinese	1	100.0	100.0
082 Early Childhood Education	751	91.9	94.9
083 Elementary Education	4,367	93.2	96.3
084 Social Studies	1,290	74.8	79.5
085 Middle Level	65	92.3	92.3
086 English as a Second Language	39	94.9	94.9
087 Industrial Technology	46	95.7	97.8
088 Technology and Design	4	100.0	100.0
089 Mathematics (Elementary)	822	82.2	85.8
090 Language Arts (Elementary)	1,182	78.8	82.6
091 Communication Arts (Secondary)	36	72.2	72.2
092 Reading Specialist	91	95.6	95.6
<b>Sub Total</b>	<b>18,351</b>	<b>87.5</b>	<b>90.2</b>
096 Basic Skills	10,966	84.3	88.8
<b>Total</b>	<b>29,317</b>		